

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph at page 3, lines 17-26 with the following paragraph:

To achieve above objects of the prevent invention, according to one aspect of the present invention, ~~a combined long and short distance wireless communication system comprises: a dual distance terminal for providing subscribers with long and short distance communication services, at least one remote distance base station for providing remote distance wireless access for the dual distance terminal, at least one short distance access point (AP) for providing short distance wireless access for the dual distance terminal, and a dual distance network server for connecting the remote distance base station through the short distance AP to execute network switching for the dual distance terminal and enabling the dual distance terminal to access the network to which it is switched~~ a combined long and short distance wireless communication system comprising: a dual distance terminal for providing subscribers with long and short distance communication services; at least one remote distance base station for providing remote distance wireless access for said dual distance terminal; at least one short distance access point (AP) for providing short distance wireless access for said dual distance terminal; and a dual distance network server for connecting said at least one remote distance base station and said at least one short distance AP to execute network switching for said dual distance terminal and enabling said dual distance terminal to access the network to which it is switched, storing data that may be missed during switching, and sending the stored data to said dual distance terminal after said terminal switching is completed.

Please replace the paragraph at page 4, lines 1-13 with the following paragraph:

According to another aspect of the present invention, ~~a wireless communication method using combined long and short distance wireless communication systems, comprising steps of scanning a dual distance terminal to determine whether it is located in a service area covered by a short distance access point upon powering on; entering a short distance communication network through the short distance access point if the dual distance terminal is located within the service area covered by the short distance access point, and informing a dual distance home server of the position~~

~~of the dual distance terminal; searching for a base station for a long distance communication service if the dual distance terminal is not located in the area covered by any one of the short distance access points, entering a long distance communication network through a long distance access network, and informing the dual distance home server of the position of the dual distance terminal~~ a wireless communication method using combined long and short distance wireless communication systems, comprising steps: detecting a dual distance terminal to determine whether it is located in a service area covered by a short distance access point; entering a short distance communication network through the short distance access point in the case where the dual distance terminal is located within the service area covered by the short distance access point, and informing a dual distance home server of the position of the dual distance terminal; searching for a base station for a long distance communication service if the dual distance terminal is not located in the area covered by any one of the short distance access points, entering a long distance communication network through a base station for a long distance communication service, and informing the dual distance home server of the position of the dual distance terminal; switching between a long distance communication network and a short distance communication network when the dual distance terminal enters the short distance network service area from the long distance network service area, or enters the long distance network service area from the short distance network service area, and storing data that may be missed during switching, and sending the stored data to a dual distance terminal via said data service function entity after said network switching is completed.

Please replace the paragraph at page 4, lines 15-26 and page 5, lines 1-9 with the following paragraph:

According to yet another aspect of the present invention, ~~a dual distance network server used for a combined long and short distance wireless communication system, comprising:~~
~~— a data service function entity for detecting whether a long and short distance data transmission occurs, if it occurs, then providing a connection service for said data transmission;~~
~~— a memory function entity for storing data that may be missed at the time of memory switching;~~

~~and sending the stored data to a terminal via said data service function entity after said terminal switching is completed, in order to implement seamless switch for the terminal between a long distance communication network and a short distance communication network;~~

~~————— a dual distance home server for registering the dual distance character parameters of the dominated dual distance terminals, obtaining terminal switch information via said data service function entity when dual distance switch occurs, updating the terminal data, and informing said data service function entity of terminal-related dual distance information when a query regarding the terminal exists;~~

~~————— an external network interface unit for connecting dual distance network and an interface of external networks~~ a dual distance server used for a combined long and short distance wireless communication system as claimed in claim 1, comprising: a data service function entity for detecting whether or not the occurrence of a long and short distance data transmission is, if it is, then providing a connection service for said data transmission; a memory function entity for storing data that may be missed during switching, and sending the stored data to a dual distance terminal via said data service function entity after said network switching is completed; a dual distance home server for registering the dual distance communication parameters of the dominated dual distance terminals, obtaining network switch information via said data service function entity in the case where dual distance switch occurs, updating data of the dual distance terminal, and informing said data service function entity of dual distance terminal information when a query regarding the terminal exists; and an external network interface unit for connecting dual distance network and an interface of an external network.

Please replace the paragraph at page 5, lines 11-27 and page 6, lines 1-3 with the following paragraph:

For the dual distance terminal of the invention, it has to adapt configuration of both the long distance and short distance communication networks so that the dual distance terminal may move in both networks, the dual distance terminal comprises:

~~_____ a short distance communication function entity having a short distance radio frequency function module for functioning as physical layer, part of MAC layer or link layer and operating in a short distance communication network to obtain data information;~~

~~_____ a long distance communication function entity having a long distance radio frequency function module for functioning as physical layer and part of link layer;~~

~~_____ a network switch condition judging function entity for performing network switching for the dual distance terminal based on the corresponding dual distance switch condition judging and instructing the short distance communication function entity or the long distance communication function entity to send a beacon signal to the dual distance network server;~~

~~_____ a common function entity for implementing display and input and output functions of the terminal~~ a short distance communication function entity having a short distance radio frequency function module for functioning as physical layer, part of MAC layer or link layer and operating in a short distance communication network to obtain data information; a long distance communication function entity having a long distance radio frequency function module for functioning as physical layer and part of link layer; a network switch condition judging function entity for performing network switching for the dual distance terminal based on the dual distance switch condition and instructing the short distance communication function entity or the long distance communication function entity to send a beacon signal to the dual distance network server; a data management and buffering function entity for storing data that may be missed during switching, and sending the stored data to a common function entity in the high level of the dual distance terminal after said network switching is completed; and a common function entity for implementing display, input and output functions of the terminal.